	Core Level	Maximum Level	Comments Regarding Implementation Levels
BAY-DELTA HABITAT RESTORATION	·····	- 1	
Restoration of Delta Shallow Water (Tidal) Habitat	**************************************		
- Protect existing shallow habitat from erosion	1.00		at core, protect all existing habitat
Restoration of Delta Riverine Habitat			
- Restore/preserve channel islands	0.50		at core, restore/preserve highest priority sites
- Modify maintenance designs to include riverine elements	0.20	0.50	half of sites require standard practices
Restoration of Delta Riparian Habitat	**************************************	-31-quay (quaries) (quality (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
- Improve and protect degraded riparian habitats	0.20		at core, improve highest priority sites
- Modify levee maintenance practices	0.20		half of sites require standard practices
- Protect existing riparian habitat	0.50	1.00	at core, protect highest priority sites
Restoration of Delta Wetland Habitat			
- Enhance existing wetlands	0.20	1.00	core focus on highest priority (e.g. largest, most connected)
- Expand wetland acquisition programs	0.20		half of existing wetlands feasible to purchase at max. level
- Protect existing wetland habitat	0.50	0.80	at max., some existing wetland will be lost and mitigated
Restoration of Delta Terrestrial Habitat	***************************************		
- no core actions in this category			
Integrated Habitat Management Programs	*****	***************************************	
- establish integrated habitat management programs	0.50	1.00	core for primary Delta area, max. for Delta watershed
Establishment of Floodways and Meander Belts	tagen in the second section is a second section of the second section in the second section is a second section of the second section		
- no core actions in this category		an Index Indiana and Indiana and Indiana	
Control of Introduced Species		- and - series (see and see an extension)	
- Improve regulation of ballast-water releases	1.00		at core, implement maximum possible improvements
- Improve border inspection practices	1.00	·1446-1441-1444-1444-1444-1444-1444-1444	at core, implement maximum possible improvements
Delta Waterfowi Habitat Management			
- no core actions in this category			

	Core Level	Maximum Level	Comments Regarding Implementation Levels
			9
UPSTREAM HABITAT RESTORATION		***************************************	
Restoration of Upstream Anadromous Fish Habitat			
- Manage flows and temperatures in upstream habitats	0.20	0.80	at max. level, full implementation of AFRP flows is not feasible
- Restore and replenish spawning gravels	0.20	0.50	core focus on highest priority sites, max. focus on remaining feasible
- Modify gravel mining practices	1.00	*************************************	at core, implement maximum possible improvements to regulations
Physical improvements for Fish Passage			
- Modify passage at upstream dams/other barriers	0.20	0.50	core focus on highest priority sites, max. focus on remaining feasible
- Modify natural barriers to improve passage	0.20	0.50	core focus on highest priority sites, max. focus on remaining feasible
Restoration of Upstream Riparian Habitat .			
- Restrict livestock grazing in riparian corridors	0.20	0.50	core focus on highest priority sites, max. focus on remaining feasible
- Revegetate degraded riparian habitats	0.20	0.50	core focus on highest priority sites, max. focus on remaining feasible
Restoration of Upstream Wetland Habitat			
- no core actions in this category			upstream wetlands would not benefit for aquatic habitats
	<u> </u>		

	Core Level	Maximum Level	Comments Regarding Implementation Levels
REDUCTION IN EFFECTS OF DIVERSIONS	1000 1 Dec CO 100000 100 por la provincia para la la 100001 1	**************************************	
Delta Inflow Management			
- Provide instream pulse flows for fish passage	0.20		core focus on highest priority species and time periods, max. all
- Provide instream flows for fish attraction	0.20	1.00	core focus on highest priority species and time periods, max. all
Delta Outflow/Export Management			
- Use real-time monitoring and adaptive management	0.50	1.00	core implementation at 50% of maximum possible implementation
Modification of Diversion Timing Patterns	# (1)		
- no core actions in this category	#4+(-(-(-(-(-(-(-(-(-(-(-(-(-(-(-(-(-	thelicental limited by a second secon	I Bullet a security of an article transferred property of the behind the security of the
Increased Rates of Diversion Capacity		manggapatanggapatanggaparah	
- no core actions in this category			and black () and ()
Acquire Water Supplies for Fish and Wildlife			
- no core actions in this category	*****		-MINISTER, CO-SO- MINISTER CONTROL
Installation and Improvement of Fish Screens	******************************		
- Install screens on other in-Delta diversions	0.20		core focus on highest priority diversions, max. on all feasible
- Install screens on upstream diversions	0.20		core focus on highest priority diversions, max. on all feasible
- Enforce screening requirements	0.20	0.50	core focus on highest priority diversions, max. on all feasible
Installation of Barriers to Guide Fish Movement	tasit.		
- Operate fish barrier on San Joaquin R. at Merced R. in fall	1.00	necoción 1999an i i junto por para esta por companyo de la para de la companyo de la para de la companyo de la	at core, installation and operation of entire barrier
Improvement of Fish Salvage Operations		\$-4-41-48-33-31-11-12-32-32-32-32-32-32-32-32-32-32-32-32-32	
- Improve operation of salvage facilities	0.20		core focus on most cost effective improvements, max. at all feasible
- Improve fish hauling and release procedures	0.20	0.50	core focus on most cost effective improvements, max. at all feasible
Removal and Control of Aquatic Predators		aparing delimite representations and controllers.	
- no core actions in this category		- Marianal Maria and Angeles a	

	Core Level	Maximum Level	Comments Regarding Implementation Levels
MANAGEMENT OF ANADROMOUS FISH		- 100 cm (170 cm) 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Fish Hatchery Operations			
- Improve hatchery operations	0.20	0.50	core focus on most cost effective improvements, max. at all feasible
- Reduce hatchery effects on wild fish populations	0.20	0.50	core focus on most cost effective reductions, max. at all feasible
- Implement tagging of hatchery-bred fish	0,20	1.00	core focus on most cost effective scale, max . on entire production
- Establish new captive breeding programs	0,20	0.50	core focus on most cost effective program, max. at most feasible
Fish Harvest Management		***************************************	
- Improve regulation of commercial take	1.00	***************************************	core implementation of maximum possible improvements
- Improve regulation of recreational take	1.00	Allianianiani	core implementation of maximum possible improvements
- Improve enforcement of harvest regulations	1.00		core implementation of maximum possible improvements

	Core Level	Maximum Level	Comments Regarding Implementation Levels
REDUCTION IN EXPORT RELIANCE	**************************************		
Desalination	**************************************	popular to the first the first to the first	
- Educate users about desalination feasibility	1.00		core implementation of maximum educational program
Water Conservation	**************************************	.mrd.erspentersgespelligtersbeitelsgestell	
- Increase use of agricultural water conservation practices	0.20	0.50	core focus on most cost effective practices, max. on all feasible
- Increase use of M and I conservation practices	0.20	0.50	core focus on most cost effective practices, max. on all feasible
- Educate users about conservation technologies	1.00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	core implementation of maximum educational program
Water Reclamation	***************************************	, and a second of the second o	
- Educate users about water reclamation	1.00		core implementation of maximum educational program
Land Retirement and Fallowing			
- Encourage land fallowing during drought periods	0.20	0.50	core focus on highest priority lands, max. on all feasible
- Develop incentive programs for land retirement	0.20		core focus on most cost effective program, max. on largest feasible
Water Pricing	05(1)3410) 11711705(344631)111947140, <u>14441114</u> 071.		
- Educate users about pricing feasibility	1.00		core implementation of maximum educational program

	Core	Maximum	
	Level	Level	Comments Regarding Implementation Levels
INCREASING WATER SUPPLY PREDICTABILITY			
Water Transfers	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	***************************************	
- Modify California Water Code to ease transfers	0.50	1.00	core focus on most feasible modifications
- Improve procedures for transfer permitting	0.50		core focus on most feasible modifications
- Coordinate diversion and conveyance of transfers	0.50	1.00	core focus on most feasible forms of coordination
- Establish transfer brokerage mechanism	0.50	1.00	core focus on most feasible mechanism for brokerage
Long-Term Planning for Drought Contingencies		164 497 cm 27 cq 200 x 11 2 124 y cm 27 y 1 (2 124 4 124 9 pm-1	
- Conduct Integrated Resources Planning	0.50	1.00	core focus on most cost effective service areas
- Manage water resources data and information	0.50	1.00	core focus on most cost effective management procedures
Institutions for Integrated Long-term Water Management			
- Establish long-term guarantees for management	0.50		core focus on most cost effective means of guarantees
- Coordinate multiagency roles in management	0.50		core focus on most cost effective means of coordination '
- Coordinate groundwater/surface water management	0.50	A THE REAL PROPERTY AND ADDRESS OF THE PARTY.	core focus on most cost effective means of coordination
- Establish incentives for cooperation/coordination	0.50		core focus on most cost effective incentive program
- Establish a public awareness/education program	1.00	u fi dispositivos distantistanti	core implementation of maximum educational program
Establishment of Export Capacity Market	***************************************	***************************************	
- no core actions in this category	*	e separation designation desig	
Integration of Land-Use and Water-Supply Planning			
- Coordinate land uses with water supplies	0.50	1.00	core focus on most cost effective means of coordination

	Core	Maximum	
	Level	Level	Comments Regarding Implementation Levels
WATER SUPPLY ENHANCEMENT			
Watershed Management	- 1944 - 4417 <u> 194</u> 7 1947 1947 1944 1944 1944 1944 1944 1944 1944 1944 1944 1944 1944 1944 1944		
- Manage riparian zones to protect water quality	0.20	0,50	core focus on highest priority sites, max. on all feasible
- Manage land uses to protect water quality	0.20	0.50	core focus on highest priority lands, max. on all feasible
New or Expanded On-Stream Storage		scana na a pocumento da filondo da casa a manga a manga b	
- no core actions in this category		-	
New or Expanded Off-Stream Storage		-14144-04114-4-4-4-4-4-4-4-4-4-4-4-4-4-4	
- no core actions in this category			
Groundwater Banking and Conjunctive Use	 	(fpdffletenswell) bel kollete et sterre gleen een ee	
- Establish incentives for conjunctive use	0.50	1.00	core focus on most cost effective incentives
- Modify Water Code to encourage conjunctive use	0.50	1.00	core focus on most cost effective incentives
Improvement of Through-Delta Conveyance			
- no core actions in this category		***************************************	
Construction & Improvement of Conveyance Facilities			
- no core actions in this category			
Changes in Locations of Diversions			
- no core actions in this category			

	Core	Maximum	
	Level	Level	Comments Regarding Implementation Levels
	·	·*************************************	
INCREASING WATER SUPPLY PREDICTABILITY	·		
Water Transfers		······································	
- Modify California Water Code to ease transfers	0.50	1.00	core focus on most feasible modifications
- Improve procedures for transfer permitting	0.50		core focus on most feasible modifications
- Coordinate diversion and conveyance of transfers	0,50	1.00	core focus on most feasible forms of coordination
- Establish transfer brokerage mechanism	0.50	1.00	core focus on most feasible mechanism for brokerage
Long-Term Planning for Drought Contingencies			
- Conduct Integrated Resources Planning	0.50		core focus on most cost effective service areas
- Manage water resources data and information	0.50	1.00	core focus on most cost effective management procedures
Institutions for integrated Long-term Water Management			
- Establish long-term guarantees for management	0.50	1.00	core focus on most cost effective means of guarantees
- Coordinate multiagency roles in management	0.50		core focus on most cost effective means of coordination
- Coordinate groundwater/surface water management	0.50		core focus on most cost effective means of coordination
- Establish incentives for cooperation/coordination	0,50	1.00	core focus on most cost effective incentive program
- Establish a public awareness/education program	1.00		core implementation of maximum educational program
Establishment of Export Capacity Market			
- no core actions in this category			
Integration of Land-Use and Water-Supply Planning	· · · · · · · · · · · · · · · · · · ·		
- Coordinate land uses with water supplies	0.50	1.00	core focus on most cost effective means of coordination

	Core	Maximum	Comments Regarding Implementation Levels
	Level	Level	Comments Regarding implementation Levels
MANAGEMENT OF WATER QUALITY			
Installation and Operation of Flow Barriers		. selective productive and control to the control t	
- no core actions in this category	***************************************	***************************************	
Management of Agricultural Drainage			
- Implement source control regulations for pollutants	0.50		core focus on most cost effective means of source control
- Reduce or control volume of agricultural discharges	0.20	0.50	core focus on most cost effective reduction, max. at most feasible
- Retire lands with drainage disposal problems	0.20	0.50	core focus on most cost effective retirement, max. at most feasible
- Improve pest-control practices	0.20	0.50	core focus on most cost effective improvement, max. at most feasible
- Manage irrigation tailwater to reduce pesticides	0.20	0.50	core focus on most cost effective reductions, max. at most feasible
Management of Urban and Wastewater Discharge	****		
- Retain and manage stormwater runoff	0.20		core focus on most cost effective sites, max. at most feasible
- Implement urban awareness/education programs	1.00		core implementation of maximum educational program
- Enforce wastewater discharge requirements	1.00		core implementation of existing law
- Prevent toxic discharges from industrial plants	1.00		core implementation of existing law
Dredged Material Management		**************************************	
- Limit dredging to avoid fish migration periods	0.50	1.00	core focus on most feasible limits on timing to avoid migration
- Use techniques to localize sediment movement	0.50	1.00	core focus on most feasible techniques to localize sediments
- Dispose dredged materials at nonaquatic sites	0.20	0.50	core focus on most cost effective sites, max. at most feasible
- Ensure nontoxic material used for levee maintenance	1.00		
Management of Mine Drainage			
- Manage discharges from abandoned mines	0.20		core focus on most cost effective sites, max. at most feasible
- Remediate abandoned mining sites discharging pollutants	0.20	0.50	core focus on most cost effective sites, max. at most feasible

	Core Level	Maximum Level	Comments Regarding Implementation Levels
IMPROVEMENTS TO SYSTEM RELIABILITY			
Levee Maintenance and Stabilization	1984 - P. Francisch and P. P. Litterman, pp. 1984 (1985) 1987 (1984)	abiga <u>in_</u> (1,1730)	
- Maintain and stabilize existing levees	0.20	1.00	core focus on highest priority sites, max. at all sites needed
- Modify agricultural practices to reduce subsidence	0.20	0.50	core focus on most cost effective sites, max. at most feasible
- Implement uniform maintenance standards	0.50	1.00	core focus on most cost effective standardization
- Provide funding for maintenance and stabilization	0.20	1.00	core focus on highest priority sites, max. at all sites needed
Improvement of Flooding & Selsmic Protections			
- no core actions in this category			
Rerouting and Protection of Infrastructure		4.	
- Maintain/reconstruct levees around infrastructure	0.20	1.00	core focus on highest priority sites, max. at all sites needed
Establishment of Long-Term Funding Mechanisms			,
- no core actions in this category			